

Sheet 1 of 5

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00231-088002	Application No. 09/800,431
		Applicant Victoria Beck et al.	
		Filing Date March 5, 2001	Group Art Unit 1614

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
D	AA	3,833,722	09/03/74	Graybill et al.	424	104	
	AB	4,462,991	07/31/84	Higuchi et al.	424	177	
	AC	4,778,794	10/18/88	Naruse et al.	A61K	31/50	
	AD	4,920,122	04/24/90	Naruse et al.	A61K	31/50	
	AE	4,086,220	04/25/78	Schlatter			08/09/76
	AF	3,987,014	10/19/76	Guiducci			01/10/74
	AG	4,098,779	07/04/78	König			04/06/77
	AH	4,302,448	11/24/81	Bickel			06/11/80
	AI	4,533,494	08/06/85	Uchiyama			02/10/83
	AJ	4,711,847	12/08/87	König			08/08/84
	AK	3,940,480	02/24/76	Seunaga			04/26/73
	AL	5,380,872	01/10/95	Sugg et al.	548	495	
	AM	4,806,336	02/21/89	Carlquist et al.	424	9	
	AN	4,994,467	02/19/91	Zimmerman	514	284	05/31/89
	AO	5,008,251	04/16/91	Gruber	514	43	08/31/89
	AP	5,094,837	03/10/92	Bis	424	9	01/22/90
	AQ	5,225,407	07/06/93	Oakley et al.	514	213	09/08/92
	AS	5,527,825	06/18/96	Karson et al.	514	551	04/06/94
	AT	5,686,311	11/11/97	Shaw	436	86	06/23/95

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
D	AU	WO 94/16756	08.04.94	PCT				
	AV	WO/96/06635	03.07.96	PCT				
	AW	WO/98/52593	26.11.98	PCT				
D	AX	US99/13061 Search Report	12/29/99	PCT				

Examiner Signature 	Date Considered 04 October 2001
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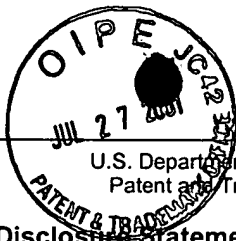
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00231-088002	Application No. 09/800,431
		Applicant Victoria Beck et al.	
	Filing Date March 5, 2001	Group Art Unit 1614	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
(D)	AY	Horvath et al., "Secretin Therapy - The Child Psychologist", <i>Journal of the Association for Academic Minority Physicians</i> , 9(1):9-15, (1998). Retrieved from the Internet: URL: http://www.childpsychology.com/autism/secretin.htm .
	AZ	McShane, "Secretin in Autism", Autism Society of Alabama, Retrieved from the Internet URL: http://www.autism/alabama.org/secretin2.htm . (December 1998)
	BA	Perry et al., "Secretin in Autism", <i>Journal of Child and Adolescent Psychopharmacology</i> , 8:247-248, (1998).
	BB	Willimann et al., "Lecithin Organogel as Matrix for Transdermal Transport of Drugs", <i>Journal of Pharmaceutical Sciences</i> , 81:871-874, (1992).
	BC	Conn's Current Therapy, Robert E. Paxkel Editor, p. 452 W.B. Saunders Co. Philadelphia PA, 1989
	BD	Stedman's Medical Dictionary, 26 th ed., Williams & Wilkins, Baltimore, MD p. 486, 1995
	BE	Cook et al., "The Serotonin System In Autism", <i>Current Opinion in Pediatrics</i> , 8:348-354, (1996).
	BF	Hartevelde et al., "Autism - Role of Drug Treatment and a Guide to its Use", <i>CNS Drugs</i> , 8(3):227-236, (1997).
	BG	Horvath et al., "Improved Social and Language Skills After Secretin Administration in Patients with Autistic Spectrum Disorders", <i>J. Assoc. Acad. Minority Physicians</i> , 9(1):9-15, (1998).
	BH	Piven, "The Biological Basis of Autism", <i>Curr. Op. Neurobiol.</i> , 7:708-712, (1997).
	BI	Rapin et al., "Neurobiology of Autism", <i>Annals of Neurology</i> , 43:7-14, (1998).
	BJ	Ritvo et al., "A Medical Model of Autism: Etiology, Pathology and Treatment", <i>Pediatric Annals</i> , 13(4):298-305, (1984).
	BK	Wickelgren, "Tracking Insulin to the Mind", <i>Science</i> , 280:517-518, (1998).
	BL	Wing, "The Autistic Spectrum", <i>The Lancet</i> , 350:1761-66, (1997).
	BM	Beck, "Transdermal Secretin and Our Approach," (letter to www.healthboards.com/autism/1089.html) SECRETIN- TALK@ONELIST.COM (12/30/98)
	BN	Schopler et al., "Toward Objective Classification of Childhood Autism: Childhood Autism Rating Scale (CARS)", <i>J. of Autism & Dev. Disorders</i> 10(1) (1980) pp. 91-103.
	BO	Karelson et al., "Regulation of Adenylate Cyclase by Galanin, Neuropeptide Y, Secretin and Vasoactive Intestinal Polypeptide in Rat Frontal Cortex, Hippocampus and Hypothalamus", <i>Neuropeptides</i> 28; (1995) pp. 21-28.
	BP	vanCalker et al., "Regulation by secretin, vasoactive intestinal peptide, and somatostatin of cyclic AMP accumulation in cultured brain cells", <i>Proc. Natl. Acad. Sci. USA</i> 77(11), pp. 6907-6911 (1980).
	BQ	McGill et al., "Secretin activates Cl ⁻ channels in bile duct epithelial cells through a camp-dependent mechanism", <i>Am. J. Physiology</i> , 1994; 266:C731-6.
(D)	BR	Leiter et al., "Secretin", <i>Gut peptides: Biochemistry and Physiology</i> edited by Walsh and Dockray, Raven Press, Ltd., New York, 1994: 147-93.

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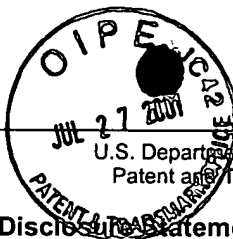
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
D	BS	Fara et al., "Effect of secretin and cholecystokinin on small intestinal blood flow distribution", <i>Am. J. Physiology</i> , 1975; 229(5):1365-70.
	BT	Dollinger et al., "Effects of Secreting and Cholecystokinin on Motor Activity of Human Jejunum", <i>Digestion</i> 12:1975, pp. 9-16.
	BU	Horvath et al., "Improved social and language skills after secretin administration in patients with autistic spectrum disorders", <i>J. Assoc. for Academic Minority Physicians</i> 9(1):1998, pp. 9-15.
	BV	Raymond et al., "Hippocampus in autism: a Golgi analysis", <i>Acta Neuropathologica</i> , 1996 91(1):117-9.
	BW	Charlton et al., "Secretin immunoreactivity in rat and pig brain", <i>Peptides</i> , 1981; 2 suppl 1:45-9.
	BX	Freneau et al., "Secretin stimulates cyclic AMP formation in the rat brain", <i>Journal of Neurochemistry</i> , 1986; 46(6):1947-55.
	BY	Freneau et al., "Secretin: specific binding to rat brain membranes", <i>Journal of Neuroscience</i> , 1983; 3(8):162-05.
	BZ	Kimura et al., "Effects of preoptic injections of gastrin, cholecystokinin, secretin, vasoactive intestinal peptide and PHI on the secretion of luteinizing hormone and prolactin in ovariectomized estrogen-primed rats", <i>Brain Research</i> , 1987; 410(2):315-22.
	CA	Bauman et al., "Histoanatomic observations of the brain in early infantile autism", <i>Neurology</i> , 1985; 35(6):866-74.
	CB	Minshew, "In vivo brain chemistry of autism", magnetic resonance spectroscopy studies in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The John Hopkins Press, Baltimore, 1994, 1994:66-85.
	CC	Bauman et al., "Neuroanatomic observations of the brain in autism" in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The John Hopkins Press, Baltimore, 1994, 1994:119-45.
	CD	Hoon et al., "The mesial-temporal lobe and autism: case report and review"[Review], <i>Developmental Medicine & Child Neurology</i> ; 1992; 34(3):252-9.
	CE	Bachevalier et al., "The contribution of medial temporal lobe structures in infantile autism: a neurobehavioral study in primates", in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The Johns Hopkins Press, Baltimore, 1994, 1994:146-69.
	CF	Dawson et al., "Subgroups of autistic children based on social behavior display distinct patterns of brain activity", <i>Journal of Abnormal Child Psychology</i> , 1995; 23(5):569-83.
	CG	George et al., "Cerebral blood flow abnormalities in adults with infantile autism", <i>Journal of Nervous & Mental Disease</i> , 1992; 180(7):413-7.
	CH	Olsson et al., "Epilepsy in autism and autisticlike conditions: a population-based study", <i>Archives of Neurology</i> , 1988; 45(6):666-8.
	CI	Anderson et al., "Whole blood serotonin in autistic and normal subjects", <i>J. Child Psychology & Psychiatry & Allied Disciplines</i> , 1987; 28(6):885-900.
	CJ	Garnier et al., "Dopamine-beta-hydroxylase (DBH) and homovanillic acid (HVA) in autistic children", <i>J. Autism & Developmental Disorders</i> , 1988; 16(1):23-9.
D	CK	Bouvard et al., "Low-dose naltrexone effects on plasma chemistries and clinical symptoms in autism: a double-blind, placebo-controlled study", <i>Psychiatry Research</i> , 1995; 58(3):191-201.

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<u>D</u>	CL	El-Salhy et al., "Immunohistochemical evidence of gastro-entero-pancreatic neurohormonal peptides of vertebrate type in the nervous system of the larva of a dipteran insect, the Hoverfly, <i>Eristalis Aeneus</i> ", <i>Regulatory Peptides</i> 1:1980, pp. 187-204.
	CM	McDougle et al., "Recent advances in the pharmacotherapy of autism and related conditions", <i>Child & Adolescent Psych. Clinics of N. Am.</i> , 1994; 3(1):71-89.
	CN	Patel et al., "Molecular cloning and expression of a human secretin receptor", <i>Molecular Pharmacology</i> , 1995; 47(3):467-73.
	CO	Lenzen et al., "Secretin stimulates bile ductular secretory activity through the camp system", <i>American Journal of Physiology</i> , 1992; 263(4 pt 1):G527-32.
	CP	Pollack et al., "Effect of secretin on growth of stomach, small intestine, and pancreas of developing rats", <i>Digestive Diseases & Sciences</i> , 1990; 35(6):749-58.
	CQ	Lebenthal et al., "Immunoglobulin concentrations in the duodenal fluids of infants and children" II. The Effect of pancreosymin and secretin. <i>Am. J. Gastroenterology</i> , 1981; 75(6):436-9.
	CR	Lawrence et al., "Effect of secretin on intestinal lymph flow and composition in the rat", <i>Quarterly J. Experimental Physiology</i> , 1981; 66(3):297-305.
	CS	Ohta et al., "Tissue-specific expression of the rat secretin precursor gene", <i>Biochemical & Biophysical Research Communications</i> 183(2):1982, pp. 390-5.
	CT	Itoh et al., "The secretin precursor gene: structure of the coding region and expression in the brain", <i>J. Biological Chemistry</i> , 1991; 266(19):12595-8.
	CU	Redgate et al., "Interaction of neuropeptides and biogenic amines on cyclic adenosine monophosphate accumulation in hypothalamic nuclei", <i>Brain Research</i> , 1986; 365(1): 61-9.
	CV	Usdin et al., "Two receptors for vasoactive intestinal polypeptide with similar specificity and complementary distributions", <i>Endocrinology</i> , 1994; 135(6):2662-80.
	CW	Beck, "Dateline," NBC television program, October 7, 1998 (videotape available from Autism Research Institute, 4182 Adams Avenue, San Diego, CA 92116, www.autism.com/ari)
	CX	Beck, "Good Morning America" ABC television program, (videotape available from Autism Research Institute, 4182 Adams Avenue, San Diego, CA 92116, www.autism.com/ari)
	CY	Rimland, Autism Research Review International, January 1999 Update, Autism Research Institute (www.autism.com/ari/secretin2.html) (January 1999)
	CZ	Rimland, "Secretin update: December 1, 1998," Autism Research Review International, Autism Research Institute (www.autism.com/ari/secretin2.html) (12/1/98)
	DA	Rimland, "1998 Year-End Letter," Autism Research Institute (www.autism.com/ari/yearend.html) (11/30/98)
	DB	Binstock, Secretin, email to newsgroup bit.listserv.autism (8/23/96)
	DC	Mayberry, Secretin, email to newsgroup bit.listserv.autism (8/23/96)
	DD	Westland, Secretin, email to newsgroup bit.listserv.autism (8/24/96)
	DE	Timpson, Secretin, email to newsgroup bit.listserv.autism (8/24/96)
	DF	Conaty, Secretin, email to newsgroup bit.listserv.autism (8/25/96)
<u>D</u>	DG	Conaty, Pancreatic Lipase deficiency, email to newsgroup bit.listserv.autism (8/26/96)

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Examiner Initial	Desig. ID	Document
<u>12</u>	DH	Mayberry, Secretin, email to newsgroup bit.listserv.autism (9/10/96)
	DI	Mayberry, Canadian listmates, email to newsgroup bit.listserv.autism (9/20/96)
	DJ	Binstock, Secretin, email to newsgroup bit.listserv.autism (9/26/96)
	DK	Mayberry, Peptide Hormone, Substance P, email to newsgroup bit.listserv.autism (10/16/96)
	DL	Mayberry, Substance P/Serotonin/Secretin, email to newsgroup bit.listserv.autism (1/27/97)
	DM	Mayberry, Measles and Substance P, email to newsgroup bit.listserv.autism (2/10/97)
	DN	Hays, Digestion - CCK/Acetylcholine, email to newsgroup bit.listserv.autism (3/27/97)
	DO	Westlund, Secretin, email to newsgroup bit.listserv.autism (10/7/97)
	DP	Carlton, The Hypocretins: Hypothalamus-specific peptides, email to newsgroup bit.listserv.autism (1/19/98)
	DQ	Carlton, Dr. Shaw's Book arrived TODAY!, email to newsgroup bit.listserv.autism (1/20/98)
	DR	Carlton, About Dr. Shaw's Book-Careful Venting Post!, email to newsgroup bit.listserv.autism (1/21/98)
	DS	Carlton, Secretin "gushing", email to newsgroup bit.listserv.autism (1/22/98)
	DT	Owens, Intestinal Hormones, email to newsgroup bit.listserv.autism (5/27/97)
	DU	Mayberry, Secretin Salve, email to newsgroup bit.listserv.autism (7/17/97)
<u>D</u>	DV	MJW28@aol.com (MJW28), Secretin, email to newsgroup bit.listserv.autism (10/6/97)

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Substitute Disclosure Form (PTO-1449)